

梧桐科山芝麻属一新种*

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A new species of *Helicteres* Linn. (Sterculiaceae)

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Key words *Helicteres* L.; *H. prostrata* S. Y. Liu; New species; China

关键词 山芝麻属; 平卧山芝麻; 新种; 中国

平卧山芝麻 新种 图 1

Helicteres prostrata S. Y. Liu, sp. nov. Fig. 1

Affinis *H. obtusae* Wall., quae foliis majoribus, oblongis 6~10 cm longis, margine integris, nervis basalibus 3, petiolis 10~12 mm longis, bracteolis conicis, floribus minoribus circ. 6 mm longis distincta.

Fruticulus, circ. 45 cm altus; caules multiramosi prostrati; ramuli fulvo-stellato-pilosi, deinde indumento pro parte maxima caduco. Folia breviter petiolata; laminae oblongae vel ovato-oblongae, raro rotundatae, 2~3.5 cm longae, 1.1~3.5 cm latae, apice obtusae, basi rotundatae vel subcordatae, margine ciliatae, supra medium denticulatae, supra atro-virides, glabrae, costa media et nervis lateralibus visibilibus, planis vel paulo concavis, subtus cinereo-albae, dense fulvo-stellato-pilosae, nervis conspicue elevatis, basalibus 5; petioli 2~4 mm longi; stipulae lineares, 3~4 mm longae, cum petiolis stellato-pillosae. Cymae 2~5-florae, 1 vel 2 axillares, raro extra-axillares; bractae et bracteolae lineares; calyx 5~7 mm longus, extus dense stellato-pilosus, 5-lobatus, lobis triangularibus; petala 5, purpurascens, paulo inaequalia, circa 10 mm longa, infra medium angustata, limbis flabelliformibus intus dense villosa, extus pilosa, margine utrinque 1~2-dentata; stamina 10; staminodia 5, breviora quam stamina, squamiformia, ovato-lanceolata; androgynophorum circa 5 mm longum, ad basin villosum; ovarium ovoideo-globosum, densius pilosum; stylus 1 mm longus; stigma paulo capitatum et lobulatum. Fructus ignotus. Floret Jun. et Jul.

Guangxi(广西): Tiandong(田东), Pingma(平马), in the field on hill-side, 1993-06-25, S. Y. Liu(刘寿养)002723(holotype, PE; isotype, IBK).

小灌木, 高约 45 cm; 主根发达, 圆锥形, 粗 1~1.5 cm。茎分枝多, 平卧, 小枝被褐黄色星状毛, 后渐脱落。叶具短柄, 叶片矩圆形、卵状矩圆形, 少为圆形, 长 2~5.3 cm, 宽 1.1~3.5 cm; 先端钝尖或圆钝, 基部圆或微心形, 边缘被缘毛, 上半部具细钝齿, 腹面深绿色, 无毛, 主脉及侧脉可见, 平坦或微凹, 背面灰白色, 密被黄褐色星状柔毛, 沿主脉及侧脉毛较稀疏, 叶脉明显突起, 基出脉 5 条; 叶柄长 2~4 mm; 托叶线形, 长 3~4 mm, 连同叶柄被星状毛。聚伞花序单一或 2 个簇生叶腋, 少为腋外生, 每花序具花 2~5, 苞片及小苞片

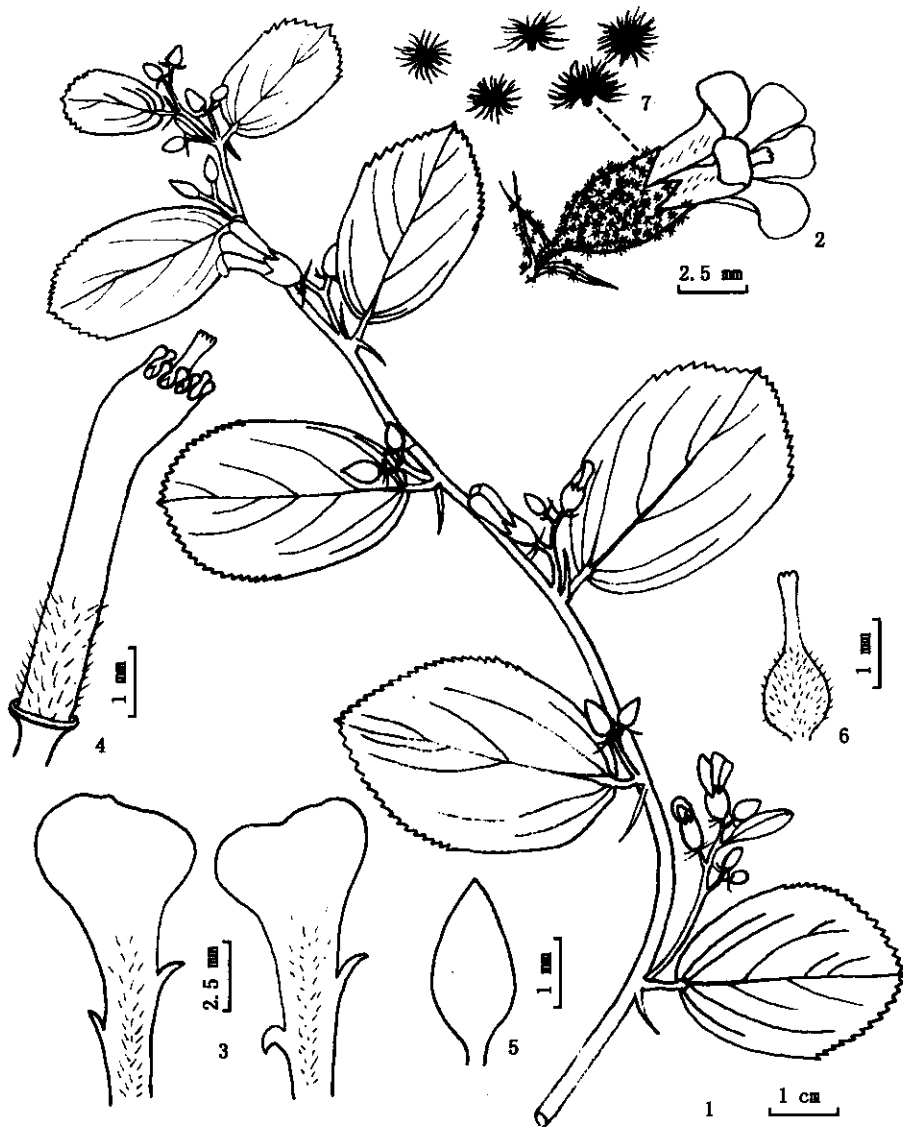


图1 平卧山芝麻 1. 花枝; 2. 花; 3. 花瓣; 4. 雌雄蕊柱; 5. 退化雄蕊; 6. 子房; 7. 星状毛。
Fig.1 *Helicteres prostrata* S. Y. Liu 1. Flowering branch; 2. Flower; 3. Petal; 4. Androgynophore;
5. Staminode; 6. ovary; 7. Stellate hair.

线形;花萼长5~7 mm,外面密被星状毛,5裂,裂片三角形;花冠淡紫色,花瓣5,稍不等大,长约10 mm,瓣片扇形,下半部渐变狭,内面密被长柔毛,外面疏被柔毛,两侧边缘各具1~2齿状附属体;雄蕊10枚,退化雄蕊5,鳞片状,卵状披针形,短于能育雄蕊;雌雄蕊柱长约5 mm,基部疏被长柔毛;子房卵状圆球形,被柔毛,花柱长约1 mm,柱头略膨大呈头状,稍浅裂。果实未见,花期6~7月。

本种与钝叶山芝麻近缘,但后者的叶较大,长圆形,长6~10 cm,全缘,基出脉3条,叶柄长10~12 mm,小苞片锥尖状,花较小,长约6 mm,易于区别。